

2017 AWWA Water Audit Level 1 Validation – Review Document

Audit Information:

Utility: Livermore PWS ID: 0110011
System Type: Potable Audit Period: Calendar 2017
Utility Representation: Dave Lennier (Public Works)
Validation Date: 7/17/2018 Call Time: 9:00am Sufficient Supporting Documents Provided: Yes

Validation Findings & Confirmation Statement:

Key Audit Metrics:

Data Validity Score: 77 Data Validity Band (level): Band IV (71-90)
ILL: 1.03 Real Loss: 16.47 (gal/conn/day) Apparent Loss: 8.83 (gal/conn/day)
Non-revenue water as percent of cost of operating system: 3.8%

Certification Statement by Validator:

This water loss audit report has been Level 1 validated per the requirements of California Code of Regulations Title 23, Division 2, Chapter 7 and the California Water Code Section 10608.34.

All recommendations on volume derivation and Data Validity Grades were incorporated into the water audit. ☒

Validator Information:

Water Audit Validator: Drew Blackwell Validator Qualifications: Contractor for California Water Loss TAP

Validator Provided

2017 AWWA Water Audit Level 1 Validation

Water System Name: City of Livermore Water

Water System ID Number: CA0110011

Water Audit Period: Calendar 2017

Water Audit & Water Loss Improvement Steps:

Steps taken in preceding year to increase data validity, reduce real loss and apparent loss as informed by the annual validated water audit:

We are continuing to update our tracking procedures for unbilled/unmetered consumption. We also are working on a service line leak detection program.

Certification Statement by Utility Executive:

This water loss audit report meets the requirements of California Code of Regulations Title 23, Division 2, Chapter 7 and the California Water Code Section 10608.34 and has been prepared in accordance with the method adopted by the American Water Works Association, as contained in their manual, *Water Audits and Loss Control Programs, Manual M36, Fourth Edition* and in the Free Water Audit Software version 5.

Utility Provided

Helen Ling

Water Resources Division Manager

Helen Ling

7/26/2018

Executive Name (Print)

Executive Position

Signature

Date